

July 27, 2009

## MEMORANDUM

TO: Fauquier Springs Country Club STP 2009 Modification File

FROM: Susan Oakes

SUBJECT: Modification of Fauquier Springs Country Club STP VPDES Permit VA0077411 to add a 0.010 MGD Flow Tier

COPIES: Mr. Robert Foley, President , Sulphur Springs Investment Corp.

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The Department of Environmental Quality – Northern Virginia Regional Office (DEQ-NVRO) received a modification request from Sulphur Springs Investment Corporation for the Fauquier Springs Country Club STP on May 26, 2009. The permittee requested a modification to the existing permit for addition of a 0.010 MGD flow tier. Additionally, the facility proposes to upgrade the STP and close the lagoon. This memorandum summarizes the revisions to the modified permit and Fact Sheet.

The following discussions are numbered to reflect the items added/revised in the Fact Sheet and Part I.

### **FACT SHEET:**

#### **4. Application Complete Date:**

Permit Drafted By:	Modified by Susan Oakes	Date Modified:	6/30/09
Draft Permit Modification Reviewed By:	Alison Thompson	Date Modification Reviewed:	7/21/2009
Public Comment Period: Start Date:	8/6/09	End Date:	9/4/09

#### **5. Receiving Waters Information:**

TMDL language revised to account for inclusion in Upper Rappahannock River Basin Bacteria TMDL.

#### **10. Wastewater Treatment Description**

Modification request language added.

#### **11. Sludge Treatment and Disposal Methods:**

Proposed sludge treatment and disposal language added.

#### **17. Receiving Stream Water Quality and Water Quality Standards:**

##### **c) Effluent Limitations Toxic Pollutants, Outfall 001**

- 1) Ammonia effluent limitation evaluation language added for the 0.010 MGD flow tier.
- 2) Chlorine effluent limitation language added for the 0.010 MGD flow tier.

##### **d) Effluent Limitations and Monitoring, Outfall 001 – Conventional and Non-Conventional Pollutants**

Dissolved Oxygen language added at the 0.010 MGD flow tier.

##### **e) Effluent Limitations and Monitoring Summary**

Monthly and weekly loading calculation language added for the 0.010 MGD flow tier.

#### **19a-c. Effluent Limitations/Monitoring Requirements:**

Effluent Limitations/Monitoring Requirements pages added for 0.010 and 0.020 MGD Flow.

#### **19d. Groundwater Monitoring Requirements:**

Additional groundwater monitoring language added.

#### **21. Other Special Conditions:**

- c) Revised O&M manual language added.
- e) Class IV Operator Requirement added.
- h) Revised sludge use and disposal language added.
- i) Treatment Works Closure Condition added.
- j) Revised groundwater monitoring requirements language added.
- k) Revised Corrective Action Plan language added.

**22. Changes to the Permit from the Previously Issued Permit:**

Special Conditions:

Lagoon closure language added.

**24. Public Notice Information:**

Permit Modification Public Notice dates:

First Modification Public Notice Date: August 5, 2009      Second Modification Public Notice Date: August 12, 2009

**25. 303 (d) Listed Stream Segments and Total max. Daily Loads (TMDL):**

Note added.

**PERMIT PART I:**

**Part I.A. Effluent Limitations and Monitoring Requirements**

Part I.A.1, 2, 3. pages have been added for the flow tiers.

Part I.A. 4.C. Additional Groundwater Monitoring language added.

**C. Other Requirements and Special Conditions**

3. Operation and Maintenance (O&M) Manual Requirement  
Revised O&M language added.

4. Licensed Operator Requirement  
Class IV licensed operator requirement added.

9. Sludge Use and Disposal  
Revised sludge language added.